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THE MISSOURI MINER

Missouri School of  Mines & Metallurgy

VOLUME 29

WEDNESDAY, MARCH 10, 1943

NUMBER 41

Buddy Kay Orch. To Feature Many Musical Artists

Buddy Kay and His "Dance the Kay-Way" Orchestra will feature the songs of lovely Marion Lambert March 19th and 20th when the band visits Jackling Gym for the semester's outstanding entertainment and dancing attraction.

Buddy Kay, a fine showman himself, will also feature that ever popular KAY-TRIO and the songs of LOU NAMANN and Kay himself. Lou Namann was formerly featured vocalist for the Tony Di Pardo and Sherman Hayes Orchestras.

The orchestra, thirteen outstanding musicians, has been featured in most of the top ballrooms, hotels, and clubs of the midwest and south, including the Tunetown, Casa-Loma, Showboat, and Forest Park Highlands ballrooms in St. Louis; the Westwood Country Club in Little Rock, Arkansas; the Plantation Clubs in Dallas and Houston, Texas; and throughout Louisiana, Mississippi, and Arkansas.

Buddy Kay and the orchestra have been featured over the NBC, CBS and Mutual networks.

U. S. Soldiers Receive Best Medical Care

American troops have nearly three times as many doctors per thousand men as the Axis forces have, assuring our boys the best modern surgical care, Dr. Emerson Crosby Kelly of Albany, N. Y., associate professor of surgery at Albany Medical College, declared in a General Electric Science Forum address.

"Today the fighting forces are receiving better medical and surgical care than ever before," Dr. Kelly said. "Whereas, for civilians the United States is aiming at one doctor for 1500 people, and England has one doctor for 2700 persons, the United States troops have about eight doctors per thousand men. The Axis forces are supposed to have only three doctors for the same number of troops."

Dr. Kelly told his audience that "this modern surgical care will be one of the factors in a successful outcome for the United Nations."

He mentioned the high spots of front line surgery, as applied to the wounded soldier, sailor and marine.

"One of the most important factors in front line surgery is early treatment," Dr. Kelly explained. "To that end, every soldier in battle supplied with field dressing and an envelope of the new sulfa drug which he himself can dust into his wound if other help is not immediately at hand."

Within a short time after being wounded, first aid men reach the casualty and do whatever they can.

(Continued on Page 3)

MSM Alumnus to Address A.I.M.E. Chapter Tonight

Tonight the Student Chapter of the A. I. M. E. will have as its speaker Mr. James K. Richardson, who is both an M. S. M. grad and the Secretary of the Tri-State Zinc and Lead Ore Producers Association. Mr. Richardson will speak on the subject of Mine Safety and Health.

After graduating from M. S. M. in 1930, Mr. Richardson worked for the United States Potash Co. in Carlsbad, New Mexico, where he developed a highly successful accident prevention and public relations program. In 1936 he went to work as safety director for the Climax Molybdenum Co. at Climax, Col. This company is the world's largest producer of "moly". From this position, Mr. Richardson went to his present one; he lives with his wife in Miami, Okla.

Those who attended last fall's meeting of the St. Louis chapter of the A. I. M. E. here in Rolla, will remember Mr. Richardson's address on Youth and the Present War.

This meeting is of especial significance since this is the first time that the chapter has been able to obtain an out-of-town speaker this year. It promises to be a highly interesting, both in view of the subject matter and of the speaker, and all Miners, Petroleumists, Geologists, and Metals are strongly urged to attend. All others who are interested are cordially invited.

The meeting will be held in the Geology lecture room—204 Woodward—and will begin at 7:00 p. m. sharp, and will be over in sufficient time for those who wish to attend the second show at the Uptown. As always, refreshments will be served after the meeting is adjourned.

Empire State Building Is Great Achievement

The tallest building in the world at the present time is the Empire State Building in New York City. It stands a marvel to the sight of men, a challenge to their constructive ability. Its tower rises above the sidewalks and traffic-crowded streets of the "world's most crowded cross-roads"—Fifth Avenue and Thirty-Fourth Street. Its soaring tower rises in simple and majestic beauty to heights never before reached by human builders—one hundred and three stories, twelve hundred and fifty feet, nearly a quarter of a mile of vertical distance.

This tallest of buildings is half as high again as the Woolworth Building, and tops the tip of the Chrysler Building by two hundred and four feet, and is two hundred and thirty-six feet taller than the Eiffel Tower in Paris.

If all the materials used in the

(Continued on Page Two)

Science to Be Bulwark of Future

(ACP)—An opportunity to build a new world civilization will confront the American people in the postwar period, declares Prof. Lyman Bryson of Columbia University, chief of the bureau of special services of the office of war information.

Professor Bryson told 829 candidates for degrees at the University of Michigan that they face a great immediate test, but declared it is necessary to insist that "what you have to go through will be worth any necessary sacrifice because the world that comes after the war will be one in which those who believe in freedom will be allowed to live by it, and those who believe in violence will be restrained."

The postwar period should not be regarded merely as an opportunity to repair damage done by the war, Bryson said. Instead he foresees a period in which all the engineering ability the United States can produce will be put to good use, and he predicts that the time immediately after the war ought to see greater scientific advance than any in the past. Also he hopes we will be scientific about human beings. All these possibilities are declared by Bryson to be evidence "that the people of America will have the means with which to build a new world civilization." No other generation of men has had an opportunity like this, he asserted.

Pointing out that we did not enter this war with the crusading spirit so evident in World War I, Bryson declared that on the whole this was a great advantage because if we can fight and win a war in a mood of grim realism we may be more ready to take the grimly realistic measures that will be necessary afterward.

Americans are just beginning to learn the hard lesson that we will have to resort to power until we have created a world in which violence and injustice are impossible, he said, and such a world is not now in view. "Men are going to be dangerous to each other for a long time to come," Bryson predicted. "The countries of Europe are going to be cut up by civil wars, by bloody quarrels among their leaders and be hot with the fevers of revenge."

Bryson warned that Americans cannot withdraw into a shell of isolation as long as Europe and Asia are in long drawn-out guerrilla warfare.

"We shall have to help combat anarchy as we have fought against aggression," he asserted. "Unless peace and order can be established everywhere we will have to choose between anarchy at home or a degree of military preparation and control that will be almost intolerable. What this amounts to is to say that your generation carries an enormous weight of responsibility put upon it by the long series of failures to which my generation contributed so much. You have not only a war to fight and win. You have also a world to straighten out."

Statistics Reveal Miner Tendency To Continue School

Many interesting facts regarding collegiate engineering students in Missouri are evident from statistics compiled by the Registrar last fall. Three colleges were considered in these statistics, Missouri School of Mines, Missouri University, and Washington University.

In the total number of Engineering students enrolled last fall; MSM headed the list with 862, an increase of 5.5 percent over the 41-42 year. Missouri University was second with 743, an increase of five percent; and Washington University was last with 539. However Washington U's number showed an increase of 20 per cent over the '41-'42 year. MSM was the only one of the three having graduate students enrolled having seven against five in '41-'42. Engineering freshmen increased 34 percent at MSM last fall.

In the percentage of last term's engineering students returning to school in '43, MSM was far ahead. Ninety per cent of the present sophomore class returned to MSM last fall, against 85 per cent at Washington and 52 per cent at M. U. Ninety-six per cent of the juniors returned to MSM, while 92 per cent returned to MU and 80 per cent to Washington U. Of the seniors, 117 percent returned to MSM, showing that at last engineering students of Missouri realized where THE engineering college was. At Washington U., 80 per cent returned; and 65 per cent returned to M. U.

These statistics show that the engineering aspirations of students attending MSM are higher than the other principal engineering colleges of Missouri.

Dean Asks Co-operation In Red Cross Drive

The American Red Cross this month is turning to the American people for contributions to its 1943 War Fund. The response to its appeal from members of the faculty and staff of Missouri School of Mines has been excellent.

Because of the great need during these war times, we are asking the students of Missouri School of Mines to contribute to the American Red Cross as they are able. I suggest that the president of each fraternity appoint a member of that fraternity to collect from other members. The same procedure is suggested for the Independents. Other students are asked to hand their contributions to Miss Marjorie Livingston in the Business Office or to Mrs. Mary Anderson Rothband in Harris Hall.

I urge our students to contribute as generously as they possibly can but above all not to hesitate merely because their contribution may be small. Your contribution will be combined with those of others on the campus and will be handed to the Phelps County Chapter of the American Red Cross.

Curtis L. Wilson, Dean

Women Students Lead MSM Students In Grade Point

That small but powerful minority, the women students of MSM, have just come out on top in scholastic averages for the past semester. They topped first place by a fairly large margin with a 1.424 grade point as against that of the second place seniors with a 1.419.

Leading the Independents was the junior class with a 1.214 which proves that they have something more than the growing of beards on their minds.

The Kappa Alpha fraternity was the leader among the social fraternities with a 1.076 followed by the Sigma Nu's with a 1.009. The Lambda Chi's were at the bottom of the fraternal ladder, but they had the satisfaction of knowing that they were not last, because they were followed by the freshman class, who ended up with a .875.

Classifying the fraternities by their active members, we find the Triangles at the top of the list with a 1.308 average, with the Sigma Pi's at the bottom of the list.

The situation was entirely reversed in the case of the pledges, with the Sigma Pi's at the top and the Triangles at the foot of the ladder.

Of the eating clubs, the Engineers ranked highest with a 1.282 average, followed closely by the Techs with a 1.267. The Shamrocks was third with 1.263.

This is the first time for the Engineers' club to win the Tau Beta Pi award given to the highest ranking social organization on the campus.

Following is a list of the campus organizations in order of their grade point rank:

Women students, 1.424; senior class, 1.419; Theta Tau, 1.412; unclassified students, 1.359; Alpha Chi Sigma, 1.340; Engineers' club, 1.282; Tech club, 1.267; Shamrock Club, 1.243; Independents, 1.243; junior class, 1.214; entire school, 1.129; men students, 1.126; Kappa Alpha, 1.076.

Theta Kappa Phi, 1.070; Triangle, 1.011; Sigma Nu, 1.009; sophomore class, 0.999; fraternity total, 0.996 Alpha Lambda Tau, 0.993; Kappa Sigma, 0.982; Sigma Pi, 0.952; Pi Kappa Alpha, 0.931; Lambda Chi Alpha, 0.921; and the freshman class, 0.875.

Have You Gotten YOUR Ticket to the
Independent-Intrafraternity
Benefit Show at the
UPTOWN THEATRE
For TONIGHT'S Show?

Tickets are still available at the Eating Clubs and Frats or from Bill Thomas and Dave Hoff.

THE MISSOURI MINER



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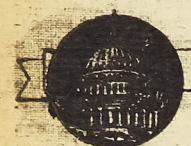
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CAPITAL & CAMPUS

ACP's Jay Richter Reports from Washington

Credits in Uniform

Educators are studying a plan for giving academic credit to soldiers, WAACs, marines, sailors, etc. for education acquired in service. The plan was developed by the American Council on Education in cooperation with the Joint Army and Navy Committee on Welfare and Recreation.

With the same goal in view, Army Air Forces recently wrote college and university presidents asking commitments to give credit for the proposed basic Air Forces training program. But work in this program is part of the over-all record and measurement program developed by the U. S. Armed Forces Institute, formerly the Army Institute. Since the Institute is part of the Council's plan, the Air Forces agreed to withdraw their request until the broader plan could be acted upon.

The Marines Have a Word

Probably no news story in the history of the war has been refuted more times than the yarn about how union seamen refused to unload a ship at Guadalcanal because it was Sunday.

Soon after the report was published, it was denied by Joe Curran, president of the National Maritime Union, who pointed out none of his union's agreements prohibit Sunday work. Other denials came from Lt. Col. Lewis B. Puller, Marine veteran of Guadalcanal; Maj. Gen. Alexander Vandergrift, commander at Guadalcanal; and Admiral William F. Halsey. Finally a House naval subcommittee probed the charge and found it false.

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As a
MINER
Sees it

Cress Auinbaugh loves to tell the story of the girl who went "eek." He was showing her through the gym, and had left her in the hall while he went in to make sure there was no nude in the pool. In the meanwhile, a stitchless Miner came dashing through the hall. And that is the story of the girl who went "eek."

The hospital is not giving Weber any more cough syrup. He says he really doesn't care because he has enough to last him for quite a few benders. I have heard that is good for hair tonic too.

Looks like we are going to get a good show this year. Hurrah for the Interfrat-AIME-Independents etc etc.

Wanda Rimmer, on the bounce from Kent Comann (may his name never smirch these lily white page again) has sworn off Miners for good—or worse. Anyway, she is really giving the Signal Boys a whirl.

Which brings up the subject of last week's LETTER TO THE EDITOR. We know too well the strain under which you Signal Corps men are working. Some of you, as the letter says, are making sacrifices to come here. Your example has really given the school a shot in the arm. BUT, just as you are being condemned by the actions of a few, the school is likewise being condemned. You care little what the townsfolk think of you, but remember that we have to live with these Rolla gentry for four years. You can make it mighty tough on us, for years to come. I think that a little consideration on both sides will ease matters. I suggest that there be less segregation in the eating clubs, less discrimination in the matter of costs, less reaching for a third glass of milk, etc. Lets make an effort to get the signal men to attend our social functions, more bids to frat dances, more athletics. This Dream Dance would be a good time to start the ball rolling. It would be a good time for the Photo, Music, Glee and all the rest of the clubs and organizations on the campus to invite these men in. How's about it Miners, if we are going to be hosts, let's do it right!

Looks like the love bug got another one, Gabe Skitek this time. Our congratulations of the week go to you both. By the way, Kant and Jenkins can send those seegars to me via the Miner office. This is blackmail, seegars or else—One apiece thank you, and you likewise Gabe.

George Wagner, among others is grinding the axe for me these days—but for a different reason—he wants to write this dirt column. Dirt, do you dig it Miners? Heh! Heh!

Po-Po, alchemist deluxe, was called as witness to a knifing incident the other day. You old reprobate you never told a freshman the truth in your life. It will be a job for you to make your statements conform to fact, even for the judge. Senior Don Huseman has been boasting that he can walk up to any girl with whom he has ever had a date, pitch impromptu woo, and not run or be slapped. The boys have bet him a buck that he can't do it. I want to be around when he tries it. Dear readers, until the next broadcast in which I shall tell you of the carnage which is sure to result from Huseman's windage, I leave you.

WHAT? WHEN? WHERE?

A. I. M. E.	Tonight, 7:00 P. M.	204 Norwood
Miner News Staff	Tonight, 7:00 P. M.	10 Parker
S. A. M. E.	Tonight, 7:00 P. M.	Club Room
Frosh-Interfrat	Today, 12:50 P. M.	Parker Hall
Pictures		
Glee Club	Thursday, 7:00 P. M.	104 Norwood
"M" Club	Thursday, 7:00 P. M.	Club Room

FIGHTING
MINERS

Homer B. Stokes, son of Mrs. H. Stokes of Malden, won his Navy "Wings of Gold" and was commissioned a Second Lieutenant in the Marine Corps Reserve this week following completion of the prescribed flight training course at the Naval Air Training Center, Pensacola, Florida.

Prior to entering the Naval service, Lieutenant Stokes received his B. S. degree in Civil Engineering from Missouri School of Mines.

Early in July, 1942, he began preliminary flight training at the Naval Air Station in St. Louis, and successfully completed the course the last of September, before reporting to the "Annapolis of the Air" for basic and advanced training.

Having been designated a Naval Aviator, Lieutenant Stokes will go on active duty at one of the Navy's air operational training centers before being assigned to a combat zone.

Before coming to M. S. M. Lieutenant Stokes attended the University of San Antonio and Westmoreland college. While at M. S. M. he was active in extra-curriculum activities being a member of A. S. C. E. '36, '37, '38, Theta Tau '37-'38, Blue Key '37, Tau Beta Pi '37 and Phi Kappa Phi. He was a student assistant in '27 and also played in the R. O. T. C. band that year. In '37 he was elected Independents Treasurer.

Candidate K. W. Vaughn graduate of January '43 is at present in Officers Training School at Fort Belvoir, Virginia, and he has six weeks more of training before he will receive a commission of Second Lieutenant in the Corps of Engineers.

EMPIRE STATE—

(Continued on Page 4)

construction of the Empire State Building had come in one shipment, a train 57 miles in length would have been needed. Ten million bricks were used in the construction project.

The Empire State Building has more than six thousand windows. Eleven hundred and seventy-two miles of rubber-covered wire cable were installed for the numerous elevators. Seventy-five miles of main water pipes had to be laid under the floors and in the walls of the building. Fifty miles of radiator pipes for heating were installed. Seven hundred and thirty tons of aluminum and stainless steel were built into the outer walls of the Empire State. Four hundred fire hose connections were provided for, to give the Empire State Building's tenants the protection of a completely self-contained fire department. Six thousand pairs of office telephone cables for 3000 trunk line switchboards and 5000 station telephones, were put in place under the floors in doubly armored ducts. Two million feet of electric wires for power and light were used, equal to 380 miles in length. Sockets for 350,000 electric lights were installed. The steel of the frame of Empire State weighs almost 60,000 tons. One

thousand two hundred elevator doors had to be placed for the 63 self-leveling elevators.

The Empire State will house 25,000 tenants; an additional floating population of 40,000 daily visitors can be accommodated. In an emergency this building could shelter 30,000 people.

With its great height and its enormous weight—303,000 tons of steel, stone and materials—Empire State required a sure foundation. For it is only where the rock is near, that the towers can soar skyward. They need a base from which to spring.

Empire State reaches down two floors, thirty-three feet below the sidewalk. There it stands the base of its columns bedded deep in the stratum granite—upon the gasest foundation possible, the rock which is the earth. One often wonders, upon seeing the Empire State Building, and the other towering skyscrapers on the island of Manhattan, whether even bed-rock can support such a vast burden, whether some time this bed rock will not fail. However, geologists have given their assurance that the tall massive structures will hold up for centuries.

The Empire State Building, built in the year 1930, is the greatest structure ever built by man. It was wholly assembled in the period of less than a year, a wonderful example of modern engineering science.

Uptown

Wednesday, March 10
Shows at 7 and 8:30 P. M.
M.S.M. Interfraternity Benefit Shows

Two Big Features!

Delores Del Rio, Orson Welles and Joseph Cotten in
"JOURNEY INTO FEAR"

Plus

Harold Peary in
"THE GREAT GILDERLEEVE"
Of Radio Fame!
Plus Disney's "Spirit of '43"

Thur. - Fri. - Sat., March 11-12-13
Shows 7 and 9 P. M.
Rosalind Russell, Janet Blair and Brian Aherne in
"MY SISTER EILEEN"
Fun Galore!

Rollamo

Admission 10c - 22c

Wed. - Thur., March 10 - 11

Shows 7 and 9 P. M.

William Gargan and Margaret Lindsay in
"NO PLACE FOR A LADY"

Fri. - Sat., March 12 - 13
Sat. Contin. Shows from 1 P. M.
The Dead-End Kids in
"MUGTOWN"
Plus
Gene Autry and Smiley Burnette in
"COWBOY SERENADE"

Midnight Owl Spook Show
Saturday, March 13
at 11:30 P. M.
Boris Karloff and Peter Lorre in
"THE BOOGIE MAN WILL GET YOU"

Boxing and Wrestling Prelims to Begin Friday

Sixty-three Entries Promise Great Show

The annual Intramural boxing and wrestling show gets under way this coming Friday night with the preliminaries being run off starting at 7:30. The aspirant "leather throwers" and "grunt and groan" artists will wind up the big show with the finals on Saturday evening starting at 7:30.

Always a gala occasion in the Miners' sport program, a large crowd of students and townspeople are expected to witness the matches, which this year promise to be as good if not better than those of last year.

Sixty-three contenders weighed in at the weighing-in ceremonies which took place Monday afternoon. Among those weighing in were several of last year's title holders, who this year are entered in a heavier class. Joe Seume, winner of the 175-lb. boxing title, returns this year to seek the heavyweight title. At present, he looks like the probable winner in that weight.

The program this year will contain events in both boxing and wrestling, ranging from 112 lbs. to the heavyweight division. Alternating with each wrestling bout will be one boxing bout. The wrestling matches will be run according to Intercollegiate rules, as will the boxing bouts, and will run six minutes, in periods of two minutes each.

Following is a list of the pairings made for the preliminaries this coming Friday night as released by Coach Hafeli. The bouts will be run off as close to the time they are scheduled for as possible. It is important that every contestant be ready to go at his specified time.

- 135-lb. Boxing**
Howell vs. Batterman—7:30.
Kendall vs. Brown—7:40.
- 126-lb. Wrestling**
Jenneman vs. Crosby—7:50.
Ehrlich vs. Olivares—8:00.
- 155-lb. Boxing**
Rasmussen vs. Tatioan—8:10.
Jones vs. Albritten—8:20.
- 135-lb. Wrestling**
Peterson vs. Wicker—8:30.
McKelvy vs. Thomas—8:40.

- 175-lb. Boxing**
Conyers vs. Bolanovich—8:50.
145-lb. Wrestling and Boxing
Conway vs. Marquardt—9:00.
Farly vs. Sullivan—9:05.

- Heavyweight Boxing**
Seabaugh vs. Carafoli—9:10.

- 155-lb. Wrestling**
Bridge vs. Weber—9:20.
Dick vs. Hommlut—9:30.
Jones vs. Bolitho—9:40.

- 165-lb. Wrestling**
Anton vs. Hubbard—9:50.
Doerres vs. Kreutzer—10:00.

- 175-lb. Wrestling**
Butzer vs. Moniak—10:10.
Jenkins vs. Kuhn—10:20.

- Heavyweight Wrestling**
LePere vs. Reed—10:30.
Schofro vs. Boyd—10:40.

- 135-lb. Boxing**
Duke vs. winner of Kendall-Brown—10:50.

- 126-lb. Wrestling**
Heineck vs. winner of Crosby-Jenneman—10:55.

- 155-lb. Wrestling**
Simons vs. winner Ehrlich-Olivares—11:00.

- 135-lb. Wrestling**
McClintoin vs. winner Peterson-Wicker—11:10.

- 155-lb. Wrestling**
Neustaeder vs. winner Thomas-McKelvy—11:15.

- 155-lb. Wrestling**
Thorwegan vs. winner Bridge-Weber—11:20.

- 155-lb. Wrestling**
Winner of Dick-Hommlut vs. winner of Jones-Bolitho—11:25.

The principal of a middle-western high school prided himself on keeping up with feminine fashion, but at the same time he had positive ideas about what his teachers should wear. He asked the young women teachers to remain one evening and addressed them as follows:

"I want to suggest that none of you appear in school wearing teddies. My observation shows that teddies are not becoming to some of you and I am convinced that the teddy lacks the dignity school teachers must maintain." He marched home and told his wife what he had said. She spent the evening telephoning the teachers that he didn't mean teddies, he meant middies.

INTRAMURAL Sports

Handball reached the stage of the finals this week in both the singles and doubles matches, with the Seniors managing to place finalists in both the singles and doubles.

Theta Kappa Phi advanced into the singles final when Al Thorwegan beat out Goorevich of the Juniors, in what was the biggest upset of the handball tourney. Goorevich was undoubtedly one of the best if not the best singles handball player in the competition this year.

Triangles won their place in the final round for the doubles title by beating Kappa Sig. The doubles team of Bell and Fink from Triangles will meet Doerres and Neustaeder of the Seniors for the title.

The Seniors double team advanced into the final round by defeating the doubles team of Thorwegan and Catanzaro from Theta Kappa Phi.

Coming back to the singles, Thorwegan will meet Louis Grass of the Seniors for the singles title. Grass entered the final round by defeating the Sophomores singles entrant.

The big Intramural event this week is the annual boxing and wrestling show which winds up with the finals starting Saturday night at 7:30.

Starting Monday March 15th, volleyball will get under way with each team being given an hour to practice in the gym before the tournament begins. All volleyball entries must be in by March 19th, since the tournament is scheduled to start March the 22nd at 7 p. m.

The tournament will be run on a double elimination basis, giving every team a chance at the title.

The schedule for the various organizations practice session in the gym is as follows:

- March 15**
Kappa Alpha 7-8 p. m.; Juniors 8-9 p. m.; Kappa Sig 9-10 p. m.
- March 16**
Triangle 7-8 p. m.; Pi Ka 8-9 p. m.; Frosh 9-10 p. m.
- March 17**

SURGICAL CARE— (Continued from Page 1)

on the spot to save him and to remove him. Dressings and bandages are applied and tourniquets are used, if necessary. If the injuries are painful, morphine may be given; but it is well known that many wounds, even large ones, are not painful. These first aid men or stretcher bearers have been well trained in their humane task. They know the best manner of moving the fallen soldier and getting him loaded on a stretcher. Several tales have already come out of the war of these stretcher bearers amputating a badly shattered extremity right at the front line. This can scarcely be called surgery, but with the aid of a tourniquet, such a procedure may save a life, according to Dr. Kelly. It is better to leave a useless part of arm or leg than to lose the man, he said.

The patient is taken back to an aid post where a field casualty card is attached to his person, showing the general nature of the wound and the time of occurrence.

From the aid post the casualty proceeds back a short distance, by stretcher or by ambulance, to the classification post, or clearing station. Here the patients are separated according to the seriousness of their injuries and urgency of treatment. Tourniquets are loosened and may be removed if no longer needed. Splints are adjusted, if necessary. Shock is treated by warm blankets and by injection of blood plasma.

The less seriously injured and those not requiring emergency surgical treatment are taken to the rear to a hospital, often called hospital number 2, or less urgent.

The more seriously injured are taken directly to a nearby hospital hospital number 1, for urgent cases. This hospital is portable, and a system has been devised whereby the entire institution can be transported and set up in a new position in a relatively short time. It is located where it can be reached by the patient within five hours after an injury has been received.

Here are waiting teams of experienced surgeons with assistants.

- Seniors 7-8 p. m.; Sophs 8-9 p. m.; Lamba Chi 9-10 p. m.
- March 18**
Sigma Pi 7-8 p. m. Theta Kappa 8-9 p. m. Sigma Nu 9-10 p. m.

anesthetists, nurses and orderlies. One team operates on those with injuries of the chest, another team on those with injuries of the abdomen, and so on. The operating room is located, if possible, where patients can be given hospital care for at least 10 days. Patients withstand transportation better before surgery than after, so that the hospital should be in a relatively quiet and safe zone.

Both hospitals are supplied with material to give the latest medical and surgical treatment. Large supplies of sterile operating-room linen, sheets, towels, dressings, gloves and instruments are ready. The anesthetist has several methods available for his use, from the old reliable ether to spinal anesthesia, and the new intravenous anesthesia, with which a patient easily falls into a deep sleep, usually before he can count 10. The anesthetist chooses the right anesthetic to fit the case.

A large variety of splints is at hand, although many patients are treated by having their compound fracture cleaner, sulfa drug powdered into the wound, and the leg or arm encased in a plaster cast. This may not need to be disturbed or changed until healing and union have taken place. This treatment, called the Orr-Trueta method, is named after the American and Spanish surgeons who have introduced it. The patient does not have to undergo the inconvenience of a change of dressing or cast, and the post-operative care is easier.

At the hospital an electric detector of metallic foreign bodies is usually available, thus making it much easier for patient and doctor the removal of shell fragments. Many such fragments may be left in place indefinitely if they are in a harmless location, but others must be removed as an emergency procedure.

First Chorine: "What makes you care for old Well-heeled?"
Second Chorine: "He's so green around the bills."

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Off the Campus

KAPPA SIGMA

Last weekend a few of the fellows, including our president, Al Dick, went to Fulton. They attended a dinner dance of Willie Woods and all agree that they had a swell time.

A few of the boys stopped over night in Jefferson City.

Dick Brackett, Kappa Sigma, and Miner, '43, was a guest of the house over the weekend. Dick was inducted in the Army and is stationed at Fort Leonard Wood. He is headed for Officers' Training School, coming out with the highest I. Q. in his group and also an expert marksmanship award.

The fellows are all anxious for

next week end to roll around and with it, girls, and the Military Ball.

LAMBDA CHI ALPHA

The Little Red Playhouse saw another drop-in-deluxe last Friday night, which was given in honor of the new initiates. They are Lee McClary, Eric Casey, George Miller, Cy Orlofsky, George Kalbfleisch, and John Radavich.

The evening started with a buffet supper at seven o'clock, followed by a brief introduction of the new initiates and pledges, and then dancing. There were two out-of-town dates: Miss Barbara Wolfs of Westfield, New Jersey, and now attending Monticello College at Godfrey, Ill.; and Miss Florence Gold, of St. Louis. Miss Wolfs was the guest of Nobert Battermann, and Miss Gold was the guest of Robert Farley. Other guests for the evening were Mrs. Eleanor Northern, Mr. and Mrs. Paul Rothbard, and the Misses Ann Holmes,

Nancy Ridout, Betty Jo Butler, Adah Rose Cross, Maxine Houlihan, Eunice Mitchell, Jean Hunter, Dorothy Hertlein, Harriet Milsted, Mary Willard.

William Horky was visited this past week end by his parents, from East St. Louis, Illinois. Dinner guests on Sunday, besides Mr. and Mrs. Horky, were Mr. and Mrs. De Vere Joslin, Mrs. Eleanor Northern, Miss Wolfs, and Miss Gold.

Chapter president, Dick Wheat, has been in Springfield for the past week, recovering from a serious tooth operation, it is reported that he is doing fine and we expect him back soon—perhaps before this edition of the Miner goes to press.

One alumnus visited us this past week, Capt. Francis Tucker, '29, now stationed in New Orleans, Louisiana.

R. A. Walker

Doctor: "How is the boy who swallowed the half dollar?"
 Nurse: "No change yet, doctor."

AND MORE JOSES

Not Foul Enough

Constable: "You stole no chickens?"

Big Brown: "No, sir."

Constable: "No geese?"

Big Brown: "No, sir."

Constable: "Any turkeys?"

Big Brown: "No, sir."

Constable: "Case dismissed."

Big Brown (grinning): "Boy, I was sure scared you'd say ducks."

She: "Do you wanna spoon?"

He: "Spoon? What's spooning?"

She: "Why, look at those other couples over there; that's spooning."

He: "Then let's shovel!"

Gob: "What do you do when you're in doubt about kissing a girl?"

Marine: "Give her the benefit of the doubt."

DUG from the EXCHANGES

BY GUS GINZBERG

Thanks to all the guys who have come forth and set me right about that "dickie" business in last week's column. For the benefit of those, who like myself, are ignorant of the terminology of a gal's wardrobe, a "dickie" is one of those foolish looking starched collars that a gal wears over a sweater. 'Nuff said.

The Fourth Estate
 Headline: "Physical Education for Faculty."
 Headline: "Four Profs Commit Hara-Kiri."

Moral: Power of the Press—
 —Washington U. Student Life

PROF. DISCOVERS
 "CHEMLINS" RAISING
 HELL IN LECTURE LAB.

An epoch-making find in the sciences of chemistry and gremnology, the discovery of the chemlin, was recently announced by Dr. Harvey A. Neville, head of the department of chemistry and chemical engineering.

In an article in the February issue of Chemistry and Engineering News, Neville reveals that he has come across a new kind of gremlin which, because of its interest in chemistry, he has dubbed the chemlin.

The species of chemlin that is probably most familiar to the student is the alpha variety which, Dr. Neville's article reports, "haunts the lecture room to help the professor show experiments to the class. When the result of the experiment indicates the reverse of what the professor predicted, it is known as the demonstration."

Neville also describes the beta chemlin, "who holds up, precipitates and rides the valence beam because he likes to swing it," the research chemlin, and the ortho, meta and para chemlins who specialize in organic chemistry.

He admits that his current article merely scratches the surface of chemlinology and promises a later, more complete scientific study. "This report," he says, "is given in order that chemists, and especially students of chemistry, may be on the alert, take suitable precautions and, as a last resort, have an alibi ready."

—Lehigh U. Brown and White.

I wonder if these quaint little creatures had anything to do with all those repeats I got in Quant last semester.

Love is like an onion,
 You taste it with delight,
 And when its gone you wonder
 Whatever made you bite.
 —New Mexico School of Mines
 Gold Pan

ADD WAR SACRIFICES.

Patriotic moonshiners in the West Virginia hills have quit using sugar to make whiskey.

The new sugarless "Victory" moonshine comes from corn meal and sorghum molasses and experts say it isn't as good as the pre-war stuff.

—M. I. T. Tech
 A survey should be made to determine whether or not our own local producers of "White Mule" are as wholeheartedly behind the war effort.